

10172630 GOGGIN DRAIN NEAR MAGNA UTAH

Jordan Basin
Jordan Subbasin

LOCATION.--Lat 40°49'00", long 112°06'00" referenced to North American Datum of 1927, Salt Lake County, UT, Hydrologic Unit 16020204, about 7 mi downstream from Surplus Canal wasteway, 3.3 mi north of Saltair, and 7.2 mi north of Magna.

DRAINAGE AREA.—Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1963 to September 1968, October 1971 to September 1984, May 2006 to September 30, 2006.

GAGE.--Water-stage recorder. Elevation of gage is 4,204 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. The drain carries natural drainage and surplus water spilled from canals from the area, as well as Jordan River water from Surplus Canal.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,850 ft³/s, Jun 10, 2006; no flow several days many years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,850 ft³/s, Jun 10, gage height, 16.67 ft; minimum daily discharge, 11 ft³/s, Jul 31.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	1,340	523	179	28
2	---	---	---	---	---	---	---	---	1,330	403	335	25
3	---	---	---	---	---	---	---	1,290	1,380	332	181	27
4	---	---	---	---	---	---	---	1,290	1,440	309	114	38
5	---	---	---	---	---	---	---	1,500	1,530	283	35	33
6	---	---	---	---	---	---	---	1,460	1,580	319	19	29
7	---	---	---	---	---	---	---	1,420	1,620	285	20	26
8	---	---	---	---	---	---	---	1,420	1,660	227	26	33
9	---	---	---	---	---	---	---	1,430	1,730	198	22	46
10	---	---	---	---	---	---	---	1,410	1,830	147	19	38
11	---	---	---	---	---	---	---	1,360	1,800	e85	17	33
12	---	---	---	---	---	---	---	1,340	1,720	e60	22	29
13	---	---	---	---	---	---	---	1,360	1,580	e40	123	25
14	---	---	---	---	---	---	---	1,390	1,500	e20	42	18
15	---	---	---	---	---	---	---	1,480	1,430	16	42	298
16	---	---	---	---	---	---	---	1,550	1,280	26	33	548
17	---	---	---	---	---	---	---	1,580	1,170	14	25	263
18	---	---	---	---	---	---	---	1,620	1,160	12	21	115
19	---	---	---	---	---	---	---	1,670	1,170	14	23	108
20	---	---	---	---	---	---	---	1,760	1,140	21	24	211
21	---	---	---	---	---	---	---	1,800	1,090	17	20	283
22	---	---	---	---	---	---	---	1,820	1,060	16	24	271
23	---	---	---	---	---	---	---	1,810	972	18	30	298
24	---	---	---	---	---	---	---	1,760	926	17	12	224
25	---	---	---	---	---	---	---	1,710	894	22	22	182
26	---	---	---	---	---	---	---	1,710	867	28	29	153
27	---	---	---	---	---	---	---	1,720	846	18	29	88
28	---	---	---	---	---	---	---	1,740	765	15	26	84
29	---	---	---	---	---	---	---	1,660	666	13	45	81
30	---	---	---	---	---	---	---	1,550	623	14	44	80
31	---	---	---	---	---	---	---	1,410	---	11	34	---
Total	---	---	---	---	---	---	---	---	38,099	3,523	1,637	3,715
Mean	---	---	---	---	---	---	---	---	1,270	114	52.8	124
Max	---	---	---	---	---	---	---	---	1,830	523	335	548
Min	---	---	---	---	---	---	---	---	623	11	12	18
Ac-ft	---	---	---	---	---	---	---	---	75,570	6,990	3,250	7,370

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